

Declaration and Power of Attorney For Patent Application

출원서원본상의 선서서와 위임장

Korean Language Declaration

한국어 선서서

하기한 발명자인 용인은 다음과 같이 선서합니다:

용인의 주소, 우편주소 및 국적은 본인의 이증일에 기재된 바와 같습니다.

본인은 아래에 기재된 발명에 대한 최초의 단독발명자 (단 한사람의 이름이 아래에 기재되었을 경우) 또는 공동발명자 (복수의 발명자가 아래에 기재되었을 경우) 라고 믿습니다.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD OF INDEXING AND SEARCHING FEATURE

VECTOR SPACE

아래 박스에 표시가 되어있지 않는 한
특허심판서는 여기에 첨부되어 있음:

☐ 일 일 미국출원번호 또는 PCT국제출원번호
로 출원되었으며
일 일 수정되었습니다.
(만약 적용가능하면)

the specification of which is attached hereto unless the following box is checked:

☒ was filed on 28 February 2001
as United States Application Number or
PCT International Application Number
09/794,401 and was amended on
(if Applicable).

본인은 상기 수정출원록 포함하여 특허심판서 내용을
검토하였으며 잘 파악하고 있음을 선서합니다.

I hereby state that I have reviewed and understand the
contents of the above identified specification, including the
claims, as amended by any amendment referred to above.

본인은 연방규정법전 37장 1.56조에 따라 특허자격에
있어 중요한 정보자료를 밝히는 것이 본인의 의무임을
인정합니다.

I acknowledge the duty to disclose information which is
material to patentability as defined in the Title 37, Code of
Federal Regulations, Section 1.56.

Korean Language Declaration

한국어 선서서

본인은 미합중국법전 35장 119(a)-(d)권 또는 특허 또는 발명자 중서를 위한 그 어떤 외국출원의 365(b)권 또는 미국 이외에 최소한 한 국가를 지정하는 PCT국제출원의 365(a)권의 외국우선권을 주장합니다. 아래 박스에 표시함으로써 기재하고 확인합니다.

Prior Foreign Application(s)

이전의 외국 출원

00-79180

Rep. of Korea

(Number) (번호)

(Country) (국명)

(Number) (번호)

(Country) (국명)

(Number) (번호)

(Country) (국명)

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed
우선권 주장안함

20/December/2000

(Day/Month/Year Filed) (요청년월일)

(Day/Month/Year Filed) (요청년월일)

(Day/Month/Year Filed) (요청년월일)

본인은 미합중국법전 35장, 아래에 기재한 그 어떤 미국 가출원의 119(a)권하의 권한을 주장합니다.

60/252,391

15/November/2000

(Application No.) (출원번호)

(Filing Date) (출원일)

I hereby claim the benefit under Title 35, United States Code, Section 119(c) of any United States provisional application(s) listed below.

(Application No.) (출원번호)

(Filing Date) (출원일)

본인은 미합중국법전 35장, 그 어떤 미국출원의 120 권 또는 미국출원 지정하는 그 어떤 PCT국제출원의 365(c)권하의 권한을 주장합니다. 미합중국법전 35장 112조의 첫단락에 제시된 방법에 따라 이전의 미국 또는 PCT국제출원에 이제까지 기재된 본출원 내용은 밝혀지지 않았습니다. 본인은 연방규정법전 37장 1.56조에 따라 이전출원의 출원일과 국내 또는 PCT국제출원의 출원일사이의 유효한 특허자격에 있어 중요한 정보자료를 밝히는 것이 본인의 의무임을 인정합니다.

(Application No.) (출원번호)

(Filing Date) (출원일)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of application.

(Status: Presented, Pending, Abandoned) (현황: 특허청고, 심사중, 포기됨)

(Application No.) (출원번호)

(Filing Date) (출원일)

(Status: Presented, Pending, Abandoned) (현황: 특허청고, 심사중, 포기됨)

본인이 아는 바에 의하면 여기에 작성된 모든 기재사항 중과 정보자료로 제출한 모든 기재사항들을 진실된 것임 을 선서하며, 그리고 이러한 진술이 고의적인 허위진술 이거나 이와 비슷한 경우에는 미합중국법전 18장 1001 편에 따라 벌금이나 징역형 또는 그 병과함으로 처벌되 며, 허위진술은 출원인의 유효성이나 발급된 특허증을 훼손하게 할 수도 있다는 점을 선서합니다.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Korean Language Declaration
한국어 선포서

위임장: 본인은 출원권과 관련된 모든 사무를 처리하기 위하여 대리인을 지명합니다. 상기 각자는 대리인으로서 특허 및 상표법규가 부여한 대리인으로서 지명할 권한을 갖습니다. (성명 및 등록번호 기재)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

I hereby appoint John H. Mion, Reg. No. 18,878; Donald E. Zinn, Reg. No. 19,046; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seals, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olcz, Reg. No. 24,513; J. Frank Osna, Reg. No. 24,825; Waddell A. Biggart, Reg. No. 24,881; Robert G. McMorrow, Reg. No. 19,093; Louis Gvozdsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Ingo, Reg. No. 26,915; Joseph J. Auch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,428; Kenneth J. Burenciel, Reg. No. 31,233; Gordon M. Reg. No. 30,784; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Botand, Reg. No. 32,197; William H. Mandir, Reg. No. 32,158; Scott M. Daniels, Reg. No. 32,562; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; and Brett S. Sylvester, Reg. No. 32,765, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202.

서신을 위한 주소:

Send Correspondence to:

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3202
(202) 293-7060

직접전화번호: (성명 및 전화번호)

Direct Telephone Calls to: (name and phone number)

인적 혹은 처음발명자의 성명	Full name of sole or first inventor	Yang-Lim Choi
발명자의 서명	Inventor's signature	25 May 2001
거주지	Residence	102-1412 Wooman Sunkyung Apt., 105 Wooman-dong, Paldal-gu, Suwon-city, Kyungki-do, Rep. of Korea
국적	Citizenship	Rep. of Korea
우편주소	Post Office Address	Same as Residence
두번째 합동 발명자 성명(만약 있으면:)	Full name of second joint inventor, if any	Youngsik Ahn
두번째 발명자의 서명	Second inventor's signature	25 May 2001
거주지	Residence	(105) 1032-4 Youngtong-dong, Paldal-gu, Suwon-city, Kyungki-do, Rep. of Korea
국적	Citizenship	Rep. of Korea
우편주소	Post Office Address	Same as Residence

(세번째와 그외 합동발명자의 위와 비슷한 기재사항과 서명을 제공하십시오.)

(Supply similar information and signature for third and subsequent joint inventors.)

세번째 공동 발명자의 성명 (만약 있으면:)	Full name of third joint inventor, if any B.S. Manjunath
세번째 발명자의 서명 날짜	Third inventor's signature Date <i>B.S. Manjunath</i> 06/11/01
거주지	Residence Department of Electrical and Computer Engineering University of California, Santa Barbara, CA 93106-9560 U.S.A.
국적	Citizenship India
우편주소	Post Office Address Same as Residence
네번째 공동 발명자 성명 (만약 있으면:)	Full name of fourth joint inventor, if any Shiv Chandrasekaran
네번째 발명자의 서명 날짜	Fourth inventor's signature Date <i>Shiv Chandrasekaran</i> 7/20/2001
거주지	Residence Department of Electrical and Computer Engineering University of California, Santa Barbara, CA 93106-9560 U.S.A.
국적	Citizenship India
우편주소	Post Office Address Same as Residence
다섯번째 공동 발명자 성명 (만약 있으면:)	Full name of fifth joint inventor, if any
다섯번째 발명자의 서명 날짜	Fifth inventor's signature Date
거주지	Residence
국적	Citizenship
우편주소	Post Office Address
여섯번째 공동 발명자 성명 (만약 있으면:)	Full name of sixth joint inventor, if any
여섯번째 발명자의 서명 날짜	Sixth inventor's signature Date
거주지	Residence
국적	Citizenship
우편주소	Post Office Address

Form PTO-1595 (modified)

(Rev. 03/01)

OMB No. 0651-0027

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yang-lim CHOI and Youngsik HUH

2. Name and address of receiving party(ies):

SAMSUNG ELECTRONICS CO., LTD.

416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: February 18, 2002

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/794,401

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC

2100 Pennsylvania Avenue, N.W.

Suite 800

Washington, D.C. 20037-3213

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):

\$40.00

☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.☐ Authorized to be charged to deposit account

8. Deposit account number:

19-4880

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Darryl Mexic

Reg. No. 23,063

April 5, 2002

Date

FILED

Total number of pages including cover sheet, attachments, and documents: 2

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks

Box Assignment

Washington, D.C. 20231

Assignment

Whereas, I/We, Yang-lim CHOI and Youngsik HUH of 102-1112 Wooman Sunkyung Apt., 105 Wooman-dong Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea and (105) 1032-4 Youngtong-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea, respectively, hereinafter called assignor(s), have invented certain improvements in METHOD OF INDEXING AND SEARCHING FEATURE VECTOR SPACE and executed an application for Letters Patent of the United States of America therefor on May 25, 2001; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 09/794,401 and Confirmation number 4745 , filed February 28, 2001) the filing date and application number of said application when known.

Date: 18 February 2002 Choi Ylim
s/Yang-lim CHOI

FILED

APR - 5 2002

Date: 18 February 2002 ysiduh
s/Youngsik HUH

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Form PTO-1595 (modified)
(Rev. 03/01)
OMB No. 0651-0027

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bangalore S. MANJUNATH and
Shivkumar CHANDRASEKARAN

2. Name and address of receiving party(ies):

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, A
CALIFORNIA CORPORATION,
111 Franklin Street, 12th Floor, Oakland, CA 94607-5200

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: May 25, 2001

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
09/794,401

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and patents involved:
1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
☐ Authorized to be charged to deposit account

8. Deposit account number:

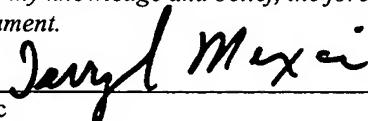
19-4880

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Darryl Mexic  Reg. No. 23,063

April 5, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks

Box Assignment

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Name: BANGALOR S. MANJUNATH
Address: 1071 NORTH PATTERSON AVENUE
SANTA BARBARA, CA 93111

Nationality: INDIA

Name: SHIV CHANDRASEKARAN
Address: 4625 VISTA BUENA
SANTA BARBARA, CA 93110

Nationality: INDIA

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hereby sell(s), assign(s) and transfer(s) to ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, A CALIFORNIA CORPORATION, 111 FRANKLIN STREET, 12th Floor, OAKLAND, CA 94607-5200,

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

METHOD OF INDEXING AND SEARCHING FEATURE VECTOR SPACE

and which is found in

- (a) ☐ U.S. provisional patent application filed herewith and listing the above named person(s) as inventor(s).
- (b) ☐ U.S. patent application filed herewith listing the above named person(s) as inventor(s).
- (c) ☒ U.S. patent application serial no. 09/794,401, filed on February 28, 2001.
- (d) ☐ U.S. Patent No.: _____, issued _____.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said

Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said Invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation,

or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California.

Date: 05/25/01

Inventor: 
BANGALORE S. MANJUNATH

Date: 05/25/01

Inventor: 
SHIVKUMAR CHANDRASEKARAN